

with flannel, so that although the nest was pulled to pieces, as on former occasions, the eggs escaped destruction, and upon them the Canary bird is now sitting. I again removed the cock bird, and upon his return to the aviary he at once *made up* again to his former mate, and she has this morning laid an egg. In truth I never saw a bird more ardent for propagation than this hybrid.

My second experiment has been made by pairing my other hybrid cock bird with an hybrid hen of the same nest; the result has been three eggs, one of which was hatched yesterday morning by a Canary bird.

Now as this second pair have proved prolific (which are three parts Goldfinches to one part Canary bird), I do not see any reason why I may not obtain next year an equally successful result, by putting together a pair of birds (if I succeed in rearing a male and female), the produce of my first experiment; and if so, a cross breed might be perpetuated, which would be five parts Canary birds to three parts Goldfinches.—GEORGE COOKSON.

METEOROLOGICAL OBSERVATIONS FOR JUNE, 1840.

Chiswick.—June 1. Very hot and dry. 2. Thunder storm, with rain in heavy showers. 3. Fine. 4. Overcast. 5. Drizzly. 6. Cloudless and hot: heavy rain at night. 7—11. Very fine. 12. Overcast and fine. 13—15. Very fine. 16. Hot and dry. 17. Fine: showery. 18. Showery in the morning: windy. 19. Slight rain. 20—24. Very fine. 25—29. Cloudy and fine. 30. Hazy: rain.

The mean temperature was within a fraction of the average for this month. The quantity of rain was moderate. Westerly winds were unusually prevalent. On the whole the weather may be considered as having been favourable.

Boston.—June 1. Fine: Therm. 78° one o'clock. 2. Cloudy: Therm. at noon 53°: rain P.M. 3, 4. Cloudy: rain P.M. 5, 6. Cloudy. 7. Fine: rain early A.M. 8. Fine. 9. Cloudy: rain P.M. 10, 11. Fine. 12. Cloudy: rain P.M. 13, 14. Fine. 15. Cloudy. 16. Fine. 17. Fine: rain early A.M. 18. Cloudy. 19. Rain. 20. Fine. 21. Cloudy: rain P.M. 22. Fine: rain early A.M.: rain P.M. 23. Fine: rain P.M. 24. Fine. 25. Cloudy: rain A.M. and P.M. 26. Fine. 27, 28, 29. Cloudy. 30. Fine.

Applegarth Manse, Dumfries-shire.—June 1, 2. Mild with occasional showers. 3. Fine day: bright sunshine. 4. Cloudy but dry. 5. Rain in the evening. 6. Rain in the morning. 7, 8. Very fine day. 9. Showery all day. 10. Fine day: rain early. 11. The same, but fair. 12. Wet all day. 13. Very fine day. 14. Wet greater part of the day: thunder. 15. Wet afternoon. 16, 17. Stormy and wet afternoon. 18. Showery, but calm. 19. Wet A.M.: cleared up P.M. 20. Showery A.M.: cleared and fine. 21. Showery all day. 22. Rain A.M. 23. The same: cleared and was fine. 24. Fair all day and cold. 25. Showery. 26. Drizzling all day. 27. Showery. 28, 29. Beautiful summer day. 30. Wet morning.

Sun shone out 27 days. Rain fell 21 days. Thunder 1 day. Calm 10 days. Moderate 7 days. Brisk 9 days. Stormy breeze 1 day. Boisterous 3 days.

Wind north 1 day. North-east 2 days. South $2\frac{1}{2}$ days. South-west 10 days. West-south-west 1 day. West $8\frac{1}{2}$ days. West-north-west 1 day. North-west 2 days. West by north 2 days.

with flannel, so that although the nest was pulled to pieces, as on former occasions, the eggs escaped destruction, and upon them the Canary bird is now sitting. I again removed the cock bird, and upon his return to the aviary he at once *made up* again to his former mate, and she has this morning laid an egg. In truth I never saw a bird more ardent for propagation than this hybrid.

My second experiment has been made by pairing my other hybrid cock bird with an hybrid hen of the same nest; the result has been three eggs, one of which was hatched yesterday morning by a Canary bird.

Now as this second pair have proved prolific (which are three parts Goldfinches to one part Canary bird), I do not see any reason why I may not obtain next year an equally successful result, by putting together a pair of birds (if I succeed in rearing a male and female), the produce of my first experiment; and if so, a cross breed might be perpetuated, which would be five parts Canary birds to three parts Goldfinches.—GEORGE COOKSON.

METEOROLOGICAL OBSERVATIONS FOR JUNE, 1840.

Chiswick.—June 1. Very hot and dry. 2. Thunder storm, with rain in heavy showers. 3. Fine. 4. Overcast. 5. Drizzly. 6. Cloudless and hot: heavy rain at night. 7—11. Very fine. 12. Overcast and fine. 13—15. Very fine. 16. Hot and dry. 17. Fine: showery. 18. Showery in the morning: windy. 19. Slight rain. 20—24. Very fine. 25—29. Cloudy and fine. 30. Hazy: rain.

The mean temperature was within a fraction of the average for this month. The quantity of rain was moderate. Westerly winds were unusually prevalent. On the whole the weather may be considered as having been favourable.

Boston.—June 1. Fine: Therm. 78° one o'clock. 2. Cloudy: Therm. at noon 53°: rain P.M. 3, 4. Cloudy: rain P.M. 5, 6. Cloudy. 7. Fine: rain early A.M. 8. Fine. 9. Cloudy: rain P.M. 10, 11. Fine. 12. Cloudy: rain P.M. 13, 14. Fine. 15. Cloudy. 16. Fine. 17. Fine: rain early A.M. 18. Cloudy. 19. Rain. 20. Fine. 21. Cloudy: rain P.M. 22. Fine: rain early A.M.: rain P.M. 23. Fine: rain P.M. 24. Fine. 25. Cloudy: rain A.M. and P.M. 26. Fine. 27, 28, 29. Cloudy. 30. Fine.

Applegarth Manse, Dumfries-shire.—June 1, 2. Mild with occasional showers. 3. Fine day: bright sunshine. 4. Cloudy but dry. 5. Rain in the evening. 6. Rain in the morning. 7, 8. Very fine day. 9. Showery all day. 10. Fine day: rain early. 11. The same, but fair. 12. Wet all day. 13. Very fine day. 14. Wet greater part of the day: thunder. 15. Wet afternoon. 16, 17. Stormy and wet afternoon. 18. Showery, but calm. 19. Wet A.M.: cleared up P.M. 20. Showery A.M.: cleared and fine. 21. Showery all day. 22. Rain A.M. 23. The same: cleared and was fine. 24. Fair all day and cold. 25. Showery. 26. Drizzling all day. 27. Showery. 28, 29. Beautiful summer day. 30. Wet morning.

Sun shone out 27 days. Rain fell 21 days. Thunder 1 day. Calm 10 days. Moderate 7 days. Brisk 9 days. Stormy breeze 1 day. Boisterous 3 days.

Wind north 1 day. North-east 2 days. South $2\frac{1}{2}$ days. South-west 10 days. West-south-west 1 day. West $8\frac{1}{2}$ days. West-north-west 1 day. North-west 2 days. West by north 2 days.

with flannel, so that although the nest was pulled to pieces, as on former occasions, the eggs escaped destruction, and upon them the Canary bird is now sitting. I again removed the cock bird, and upon his return to the aviary he at once *made up* again to his former mate, and she has this morning laid an egg. In truth I never saw a bird more ardent for propagation than this hybrid.

My second experiment has been made by pairing my other hybrid cock bird with an hybrid hen of the same nest; the result has been three eggs, one of which was hatched yesterday morning by a Canary bird.

Now as this second pair have proved prolific (which are three parts Goldfinches to one part Canary bird), I do not see any reason why I may not obtain next year an equally successful result, by putting together a pair of birds (if I succeed in rearing a male and female), the produce of my first experiment; and if so, a cross breed might be perpetuated, which would be five parts Canary birds to three parts Goldfinches.—GEORGE COOKSON.

METEOROLOGICAL OBSERVATIONS FOR JUNE, 1840.

Chiswick.—June 1. Very hot and dry. 2. Thunder storm, with rain in heavy showers. 3. Fine. 4. Overcast. 5. Drizzly. 6. Cloudless and hot: heavy rain at night. 7—11. Very fine. 12. Overcast and fine. 13—15. Very fine. 16. Hot and dry. 17. Fine: showery. 18. Showery in the morning: windy. 19. Slight rain. 20—24. Very fine. 25—29. Cloudy and fine. 30. Hazy: rain.

The mean temperature was within a fraction of the average for this month. The quantity of rain was moderate. Westerly winds were unusually prevalent. On the whole the weather may be considered as having been favourable.

Boston.—June 1. Fine: Therm. 78° one o'clock. 2. Cloudy: Therm. at noon 53°: rain P.M. 3, 4. Cloudy: rain P.M. 5, 6. Cloudy. 7. Fine: rain early A.M. 8. Fine. 9. Cloudy: rain P.M. 10, 11. Fine. 12. Cloudy: rain P.M. 13, 14. Fine. 15. Cloudy. 16. Fine. 17. Fine: rain early A.M. 18. Cloudy. 19. Rain. 20. Fine. 21. Cloudy: rain P.M. 22. Fine: rain early A.M.: rain P.M. 23. Fine: rain P.M. 24. Fine. 25. Cloudy: rain A.M. and P.M. 26. Fine. 27, 28, 29. Cloudy. 30. Fine.

Applegarth Manse, Dumfries-shire.—June 1, 2. Mild with occasional showers. 3. Fine day: bright sunshine. 4. Cloudy but dry. 5. Rain in the evening. 6. Rain in the morning. 7, 8. Very fine day. 9. Showery all day. 10. Fine day: rain early. 11. The same, but fair. 12. Wet all day. 13. Very fine day. 14. Wet greater part of the day: thunder. 15. Wet afternoon. 16, 17. Stormy and wet afternoon. 18. Showery, but calm. 19. Wet A.M.: cleared up P.M. 20. Showery A.M.: cleared and fine. 21. Showery all day. 22. Rain A.M. 23. The same: cleared and was fine. 24. Fair all day and cold. 25. Showery. 26. Drizzling all day. 27. Showery. 28, 29. Beautiful summer day. 30. Wet morning.

Sun shone out 27 days. Rain fell 21 days. Thunder 1 day. Calm 10 days. Moderate 7 days. Brisk 9 days. Stormy breeze 1 day. Boisterous 3 days.

Wind north 1 day. North-east 2 days. South $2\frac{1}{2}$ days. South-west 10 days. West-south-west 1 day. West $8\frac{1}{2}$ days. West-north-west 1 day. North-west 2 days. West by north 2 days.